



PATENT
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TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David C. DeCoster et al.
Application No. : 09/845,755
Filed : April 30, 2001
For : DEVICES FOR CONTROLLING THE REACTION
RATE AND/OR REACTIVITY OF HYDROCARBON
TO AN INTERMEDIATE OXIDATION PRODUCT BY
ADJUSTING THE OXIDANT CONSUMPTION RATE

Art Unit : 1623
Docket No. : 900105.413USD1
Date : July 2, 2001

Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed).

Applicants note that reference AK (DE 44 26 132 A1) is written in German. Accordingly, an English language translation is submitted herewith.

Applicants also note that Reference AM (EP 751 105 A2) is written in German. Accordingly, an English language translation is submitted herewith.

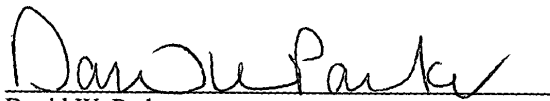
Applicants further note that reference BQ (Sorribes et al.) is written in Spanish. Accordingly, an English language translation is submitted herewith.

As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants'

duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC

A handwritten signature in black ink, appearing to read "David W. Parker", written over a horizontal line.

David W. Parker
Registration No. 37,414

DWP:sfl

Enclosures:

Postcard
Form PTO-1449
Cited References (66)

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Fax: (206) 682-6031

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
900105.413USD1APPLICATION NO.
09/845,755

INFORMATION DISCLOSURE STATEMENT

(Use additional sheets if necessary)

APPLICANTS
David C. DeCoster et al.FILING DATE
April 30, 2001GROUP ART UNIT
1623

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	1,121,532	12/15/14	Newberry			
	AB	2,014,044	09/10/35	Haswell	75	17	
	AC	2,223,493	12/03/40	Loder	260	537	
	AD	2,223,494	12/03/40	Loder	260	586	
	AE	2,301,240	11/10/42	Baumann et al.	183	115	
	AF	2,439,513	04/13/48	Hamblet et al.	260	533	
	AG	2,557,282	06/19/51	Hamblet et al.	260	533	
	AH	2,565,087	08/21/51	Porter et al.	260	631	
	AI	2,980,523	04/18/61	Dille et al.	48	215	
	AJ	3,161,603	12/15/64	Leyshon et al.	252	413	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	DE 4426132 A1	01/25/96	DE (+ English Language Translation)	X	
	AL	EP 439 007 A2	07/31/91	EPO		
	AM	EP 751 105 A2	01/02/97	EPO (+ English Language Translation)	X	
	AN	GB 415,172	08/23/34	UK		
	AO	GB 738,808	10/19/55	UK		
	AP	GB 1,143,213	02/19/69	UK		
	AQ	WO 96/40610	12/19/96	WIPO		
	AR	WO 98/07677	02/26/98	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	Sorribes et al., "Formacion de neuvias fases en el proceso de obtencion de acido adipico: causas y efectos que provocan," <i>Comunicaciones a la Academia</i> 81(1):233-235, November 12, 1986. (+ English Language Translation)
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EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 900105.413USD1		APPLICATION NO. 09/845,755	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANTS David C. DeCoster et al.			
				FILING DATE April 30, 2001		GROUP ART UNIT 1623	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	3,231,608	01/25/66	Kollar	260	533	
	BB	3,234,271	02/08/66	Barker	260	531	
	BC	3,290,369	12/06/66	Bonfield	260	537	
	BD	3,361,806	01/02/68	Lidov	260	531	
	BE	3,515,751	06/02/70	Oberster et al.	260	533	
	BF	3,530,185	09/22/70	Pugi	260	586	
	BG	3,613,333	10/19/71	Gardenier	55	89	
	BH	3,677,696	07/18/72	Bryk et al.	23	2	
	BI	3,928,005	12/23/75	Laslo	55	73	
	BJ	3,932,513	01/13/76	Russell	260	586 AB	
	BK	3,946,076	03/23/76	Paasen et al.	260	586 P	
	BL	3,957,876	05/18/76	Rapoport et al.	260	586 P	
	BM	3,987,100	10/19/76	Barnette et al.	260	586 P	
	BN	3,987,808	10/26/76	Carbonell et al.	137	3	
	BO	4,039,304	08/02/77	Bechthold et al.	55	10	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	BP						
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	BQ						
	BQ						
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(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
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09/845,755**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANTS

David C. DeCoster et al.

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1623

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	4,055,600	10/25/77	Langley et al.	260	586 P	
	CB	4,065,527	12/27/77	Graber	261	79 A	
	CC	4,308,037	12/29/81	Meissner et al.	55	10	
	CD	4,361,965	12/07/82	Goumondy et al.	34	57 R	
	CE	4,370,304	01/25/83	Hendriks et al.	422	224	
	CF	4,394,139	07/19/83	Board	55	20	
	CG	4,419,184	12/06/83	Backlund	162	49	
	CH	4,423,018	12/27/83	Lester, Jr. et al.	423	243	
	CI	5,061,453	10/29/91	Krippel et al.	422	106	
	CJ	5,104,492	04/14/92	King et al.	203	15	
	CK	5,123,936	06/23/92	Stone et al.	55	8	
	CL	5,170,727	12/15/92	Nielsen	110	346	
	CM	5,221,800	06/22/93	Park et al.	562	543	
	CN	5,244,603	09/14/93	Davis	261	87	
	CO	5,270,019	12/14/93	Melton et al.	422	234	
	CP	5,271,904	12/21/93	Esposito et al.	422	105	
	CQ	5,286,458	02/15/94	Yang et al.	422	168	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CR					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CS	
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				FILING DATE April 30, 2001		GROUP ART UNIT 1623	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA	5,294,378	03/15/94	Succi et al.	261	130	
	DB	5,312,567	05/17/94	Kozma et al.	261	87	
	DC	5,321,157	06/14/94	Kollar	562	543	
	DD	5,374,767	12/20/94	Drinkard et al.	560	193	
	DE	5,396,850	03/14/95	Conochie et al.	110	346	
	DF	5,399,750	03/21/95	Brun et al.	562	553	
	DG	5,463,119	10/31/95	Kollar	562	543	
	DH	5,502,245	03/26/96	Dassel et al.	562	413	
	DI	5,558,842	09/24/96	Vassiliou et al.	422	108	
	DJ	5,580,531	12/03/96	Vassiliou et al.	422	108	
	DK	5,654,475	08/05/97	Vassiliou et al.	562	413	
	DL	5,801,273	09/01/98	Vassiliou et al.	562	413	
	DM	5,801,282	09/01/98	Dassel et al.	562	413	
	DN	5,883,292	03/16/99	Dassel et al.	562	413	
	DO	5,922,908	07/13/99	Dassel et al.	562	543	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	DP						
	DQ						
	DR						
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	DS						
	DT						
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1623

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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Application Number	09/845/755
Filing Date	April 30, 2001
First Named Inventor	David C. DeCoster
Group Art Unit	1623
Examiner Name	
Attorney Docket No.	900105.413USD1

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ENCLOSURES (check all that apply)

JUL 10 2001

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Response
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement; Form PTO-1449
- ☒ Cited References (66)
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts under 37 C.F.R. 1.52 or 1.53
- ☐ Response to Missing Parts/Incomplete Application

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Request for Corrected Filing Receipt
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation, Change of Correspondence Address
- ☐ Declaration
- ☐ Statement under 37 CFR 3.73(b)
- ☐ Terminal Disclaimer
- ☐ Small Entity Statement
- ☐ Request for Refund

- ☒ CD(s), Number of CD(s) **TECH CENTER 1600/2900**
- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Return Receipt Postcard
- ☐ Additional Enclosure(s) (please identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name David W. Parker



00500

PATENT TRADEMARK OFFICE

Signature

David W. Parker

Date

July 2, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date specified below.

Typed or printed name Susan C. Rutledge

Signature

Susan C. Rutledge

Date: July 2, 2001